

**ABSTRACT OF THE DISCLOSURE**

Example embodiments relate to a method for manufacturing toroidal transformers. The method may include arranging a coil around a periphery of at least one hollow bobbin of elongated shape and of flexible material, bending the at least one bobbin, together with the coil, so that ends of the bobbin are brought towards each other, at least one of the bobbin ends defining an opening, and feeding a ribbon of magnetic material through the opening, so that the ribbon is wound a required amount of tightly packed winding turns inside the bobbin until substantially an entire interior cavity of the bobbin is filled, the ribbon thereby forming a core.